

Steve Becker
Vice President - Operations
5900 Elmwood Avenue
Indianapolis, Indiana 46203-6086

Re: Registered Construction and Operation Status,
097-12305-00199

Dear Mr. Steve Becker:

The application from Farm Fans, Incorporated, received on May 24, 2000, has been reviewed. Based on the data submitted and the new provisions in IAPCB Regulation 2 (Permits) and state regulations 326 IAC 2-5.1-2, it has been determined that the following farm equipment manufacturing and supply operation, located at 5900 Elmwood Avenue, Indianapolis, Indiana 46203, is classified as registered:

- (a) One Powder Coating operation identified as Emission Unit ID PCS

The conveyORIZED painting line consists of one (1) powder coating booth for surface coating of miscellaneous metal farm equipment parts, machinery and supplies. PCS is equipped with four (4) air atomization guns. The maximum usage rate for PCS is twelve (24) tons per year of powder coating. PCS is equipped with filters for overspray control two (2) exhaust stacks termed PCS-A and PCS-B.

- (b) One (1) auxiliary paint booth termed Emission Unit ID APB.

The auxiliary spray paint booth consists of one (1) air atomization paint spray gun for surface coating of miscellaneous metal farm equipment parts, machinery and supplies. Maximum capacity for the paint spray booth is 8.63 gallons per hour. The paint spray booth is equipped with dry filters for overspray control and exhaust is from one (1) stack termed APB.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
 - (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

2. Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating applied, by emission unit APB, to miscellaneous metal parts shall be limited to 3.5 pounds of VOCs per gallon of coating less water for air dried or forced warm air dried coatings.
3. Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations) emission unit PCS is not subject to the applicability of 326 IAC 8-1-1 because PCS does not have the potential to emit greater than 15 pounds per day of volatile organic compounds and will not be regulated by 326 IAC 8-2-9.
4. Pursuant to 326 IAC 6-3-2, the PM from emission unit PCS and APB, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$
where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

The dry filters for particulate matter overspray control shall be in operation at all times when Emission Unit ID PCS and/or Emission Unit ID APB is in operation.
5. Pursuant to The Code of Indianapolis and Marion County Chapter 511, this registration will be subject to annual operating fees.
6. Pursuant to 326 IAC 2-7-2 and 326 IAC 2-8-2 Farm Fans, Incorporated does not meet the applicability requirements of Part 70 Permit Program/ Federally Enforceable State Operating Permit Program. Therefore, the Federally Enforceable State Operating Permit F097-5484-00199, issued on 3-24-97, shall be replaced with this registration.

This registration is the first air approval issued for emission unit PCS. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Management and Environmental Resources Management Division that the source is in operation and in compliance with this registration pursuant to IAPCB Regulation 2 (Permits) and state regulations 326 IAC 2-5.1-2(f)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015
and
Environmental Resources Management Division
Air Quality Management Section, Compliance Data Group
2700 South Belmont Avenue
Indianapolis, Indiana 46221-2097

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Management (OAM) and Environmental Resources Management Division (ERMD) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Mona A. Salem, Chief Operating Officer
Department of Public Works
City of Indianapolis

M.D.

cc: Mark Caraher, Permits Program Manager
Matt Mosier, Compliance Program Manager
Cheryl Carlson, Enforcement Program Manager
Mindy Hahn, IDEM
Gail McGarrity, IDEM

Registration Annual Notification

This form should be used to comply with the notification requirements under IAPCB Regulation 2 (Permits) and 326 IAC 2-5.1-2(f)(3) or 326 IAC 2-5.5-4(a)(3)

Company Name:	Farm Fans, Inc.
Address:	5900 Elmwood Avenue
City:	Indianapolis
Authorized individual:	Steve Becker
Phone #:	317-787-6341
Registration #:	R097- -00199

I hereby certify that Farm Fans, Inc. is still in operation and is in compliance with the requirements of Registration 097-12305-00199.

Name (typed):
Title:
Signature:
Date:

**Indianapolis Environmental Resources Management Division
Air Quality Management Section**

and

**Indiana Department of Environmental Management
Office of Air Management**

Technical Support Document (TSD) for a Registration

Source Background and Description

Source Name:	Farm Fans, Inc.
Source Location:	5900 Elmwood Avenue, Indianapolis, Indiana 46203
County:	Marion
Registration No.:	097-12305 -00199
SIC Code:	3564
Permit Reviewer:	Monica Dick

The Environmental Resources Management Division (ERMD) has reviewed an application from Farm Fans, Incorporated relating to the construction and operation of a farm equipment manufacturing and supply operation.

New Emission Units and Pollution Control Equipment

The source consists of the following new emission unit and pollution control devices:

- (a) One Powder Coating operation identified as Emission Unit ID PCS

The conveyORIZED painting line consists of one (1) powder coating booth for surface coating of miscellaneous metal farm equipment parts, machinery and supplies. PCS is equipped with four (4) air atomization guns. The maximum usage rate for PCS is twelve (24) tons per year of powder coating. PCS is equipped with filters for overspray control two (2) exhaust stacks termed PCS-A and PCS-B.

Previously Permitted Emission Units and Pollution Control Equipment

The source currently consists of the following emission unit and pollution control devices:

- (a) One (1) auxiliary paint booth termed Emission Unit ID APB.

The auxiliary spray paint booth consists of one (1) air atomization paint spray gun for surface coating of miscellaneous metal farm equipment parts, machinery and supplies. Maximum capacity for the paint spray booth is 8.63 gallons per hour. The paint spray booth is equipped with dry filters for overspray control and exhaust is from one (1) stack termed APB.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following: F097-5484-00199, issued on 3-24-97

All conditions from previous approvals were incorporated into this Registration except the following:

(a) F097-5484-00199, issued on 3-24-97

(1) Condition D.1.1(b) Volatile Organic Emissions:

(b) That input volatile organic compound (VOC) including cleanup solvent delivered to the applicator for Emission Unit ID BOE and Emission Unit ID APB, minus the VOC solvent shipped out, shall not exceed 90.5 tons per year rolled on a monthly basis. Therefore, the requirements of 326 IAC 2-7 do not apply.

(2) Condition D.1.2 Hazardous Air Pollutants

The hazardous air pollutant emissions shall be limited as follows:

(a) A single hazardous air pollutant (HAP) delivered to Emission Unit ID BOE and APB, minus any HAP shipped out, shall not exceed 8.25 tons per year rolled on a monthly basis.

(b) Any combination of HAPs delivered to Emission Unit ID BOE and APB, minus any combination of HAP shipped out, shall not exceed 22 tons per year rolled on a monthly basis.

Therefore, the requirements of 326 IAC 2-7 do not apply.

(3) Condition D.1.3 Particulate Matter less than or equal to ten (10) microns (PM10)

PM10 emissions shall be limited as follows:

Particulate Matter emissions ten (10) microns or less in aerodynamic diameter (PM10) from Emission Unit ID BOE and APB shall not exceed 90.3 tons per year rolled on a monthly basis. Therefore, the requirements of 326 IAC 2-7 do not apply.

(4) Condition D.1.4 Particulate Matter (PM)

PM emissions shall be limited as follows:

Particulate Matter (PM) Emissions from Emission Unit ID BOE and APB shall not exceed 90.3 tons per year rolled on a monthly basis. Therefore, the requirements of 326 IAC 2-3 Emission Offset do not apply.

(5) Condition D.1.7 Volatile Organic Compound (VOC) Usage

The Permittee shall maintain records at the source of the materials used that contain VOCs. The records shall be complete and sufficient to establish

compliance with the VOC usage limits and/or VOC emission limits established in this permit. The records shall contain a minimum of the following:

- (a) The weight of VOC containing material used, including purchase orders and invoices necessary to verify the type and amount used;
- (b) The VOC content (**weight percent**) of each material used;
- (c) The weight of VOCs emitted for each compliance period, considering capture and control efficiency, if applicable.

(6) Condition D.1.8 Hazardous Air Pollutants (HAPs):

The Permittee shall maintain records at the facility of the materials used that contain HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits that may be established in this permit. The records shall contain a minimum of the following:

- (a) The weight of HAP containing material used, including purchase orders and invoices necessary to verify the type and amount used;
- (b) The HAP content (**weight percent**) of each material used;
- (c) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable;
- (d) Identification of the facility or facilities associated with the usage of each HAP.

(7) Condition D.1.9 Quarterly Reporting:

A quarterly summary to document compliance with operation conditions numbers D.1.1 Volatile Organic Compound Emissions and D.1.2 Hazardous Air Pollutants shall be submitted to the address(es) listed in Section C.20 - General Reporting Requirements, using the enclosed forms or their equivalent, within thirty (30) days after the end of the quarter being reported to:

Indianapolis Environmental Resources Management Division,
Air Quality Management Section, Compliance Data Group,
2700 South Belmont Avenue,
Indianapolis, Indiana 46221-2097

and

Indiana Department of Environmental Management
Permit Administration and Development Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Reason not incorporated: Farm Fans, Inc. has removed the BOE surface coating booth. BOE will be replaced with a surface powder-coating booth. The potential emissions from the remaining booth and the new booth are less than 25 tons per year. Therefore, a FESOP and the emission limits required to keep Farm Fans, Inc. from being subject to 326 IAC 2-7 are no longer necessary.

(b) F097-5484-00199, issued on 3-24-97

(1) Condition D.1.6 Particulate matter Overspray

Pursuant to 326 IAC 2-8-5:

- a) The dry filters for particulate matter overspray control shall be in operation at all times when Emission Unit ID BOE and/or Emission Unit ID APB are in operation.
- b) Daily inspections shall be performed to verify the placement, integrity and particulate loading of the dry filters.
- c) Additional inspections and preventive maintenance measures shall be performed as prescribed in the Preventive Maintenance Plan.

Reason not incorporated: 326 IAC 2-5.5-1 is applicable to PCS and APB. Therefore, PCS and APB are no longer subject to the authority of 326 IAC 2-8-5.

Stack Summary

Stack ID	Operation	Height (feet)	Stack Dimensions (inches)	Flow Rate (acfm)	Temperature (°F)
PCS-A	surface coating	30	28 x 54	25,000	Ambient
PCS-B	surface coating	30	28 x 54	25,000	Ambient
APB	surface coating	24	42	25,000	Ambient

Recommendation

The staff recommends to the Administrator that the construction and operation be approved. This recommendation is based on the following facts and conditions:

Information, unless otherwise stated, used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on May 24, 2000.

Emissions Calculations

See TSD Appendix A for detailed calculations.

Potential to Emit

The definition of potential to emit means the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, the department, or the appropriate local air pollution control agency. The term does not alter or affect the use of potential to emit for any other purpose under the CAA, (or the term “capacity factor” as used in Title IV of the CAA) or the regulations promulgated thereunder.

Pollutant	Potential to Emit (tons/year)
Particulate Matter (PM)	14.02
Particulate Matter (PM10)	14.02
Volatile Organic Compounds (VOC)	9.40
Single Hazardous Air Pollutant (HAP)	4.79
Combination of HAPs	6.10

- (a) Potential emissions (as defined in the Indiana Rule) of PM/PM10, SO₂, VOC, CO, NO_x are less than 25 tons per year. Therefore, pursuant to 326 IAC 2-1, a construction permit is not required.
- (b) Potential emissions (as defined in the Indiana Rule) of a single hazardous air pollutant (HAP) are less than 10 tons per year and/or the allowable emissions of any combination of the HAPs are less than 25 tons per year. Therefore, pursuant to 326 IAC 2-1, a construction permit is not required.

County Attainment Status

The source is located in Marion County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and oxides of nitrogen are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Marion County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.
- (b) Marion County has been classified as attainment or unclassifiable for PM10, SO₂, NO_x and CO. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

(c) Fugitive Emissions

Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive PM emissions are not counted toward determination of PSD and Emission Offset applicability.

Source Status

Existing Source PSD, Part 70 or FESOP Definition (emissions after controls, based on 8,760 hours of operation per year at rated capacity and/ or as otherwise limited):

Pollutant	Emissions (ton/yr)
PM	1.98
PM10	1.98
VOC	9.40

(a) This source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not in one of the 28 listed source categories.

(b) These emissions were based on the calculations list in Appendix A of the TSD.

Proposed Modification

PTE from the proposed modification (based on 8,760 hours of operation per year at rated capacity including enforceable emission control and production limit, where applicable):

Pollutant	PM (ton/yr)	PM10 (ton/yr)	SO ₂ (ton/yr)	VOC (ton/yr)	CO (ton/yr)	NO _x (ton/yr)
Proposed Modification	12.05	12.05	0.0	0.0	0.0	0.0
Total Source Emissions	14.02	14.02	0.0	9.40	0.0	0.0
Registration	less than 25 greater than or equal to 5	less than 25 greater than or equal to 5	less than 25 greater than or equal to 10	less than 25 greater than or equal to 10	less than 100 greater than or equal to 25	less than 25 greater than or equal to 10

This modification to an existing minor stationary source is not major because the emission increase is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This source is not subject to the Part 70 Permit requirements because the potential to emit (PTE) of:

- (a) each criteria pollutant is less than 100 tons per year,
- (b) a single hazardous air pollutant (HAP) is less than 10 tons per year, and
- (c) any combination of HAPs is less than 25 tons/year.

This status is based on the calculations located in Appendix A of the TSD. This status has been verified by the ERMD inspector assigned to the source.

Federal Rule Applicability

There are no New Source Performance Standards (326 IAC 12) and National Emission Standards for Hazardous Air Pollutants for Source Categories (40 CFR Part 63) applicable to this facility.

State Rule Applicability

Opacity

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

Volatile Organic Compounds

Farm Fans, Incorporated is subject to 326 IAC 8-1-1 because the facility activities have the potential to emit greater than 15 pounds per day of volatile organic compounds and are not permanently restricted from emitting less than 15 pounds per day of volatile organic compounds. Further, once a facility becomes subject to a rule within article 8 such facility shall remain subject unless potential emissions decrease below 15 pounds per day or a limit is set that permanently restricts emissions below 15 pounds per day. Therefore, 326 IAC 8-2-9(d), (e), and (f) will remain applicable to emission unit APB because, FFI meets the applicability requirements under 326 IAC 8-2-9(a)(1), (4), and (5). However, the new emission unit PCS is not subject to the applicability of 326 IAC 8-1-1 because PCS does not have the potential to emit greater than 15 pounds per day of volatile organic compounds and will not be regulated by 326 IAC 8-2-9.

326 IAC 8-2-9 Miscellaneous Metal Coating Operations

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating applied, by emission unit APB, to miscellaneous metal parts shall be limited to 3.5 pounds of VOCs per gallon of coating less water for air dried or forced warm air dried coatings.

Based on a compliance inspection by Jamie Van Tuyl on April 6, 2000 "...ffi is still utilizing compliant

coatings and that there have been no changes in the wet coatings applied such that ffi is in compliance with 326 IAC 8-2.”

Particulate Matter

Marion County is listed under 326 IAC 6-1-7. However, neither the source nor facilities are listed in 326 IAC 6-1-12 and neither have the potential to emit one hundred (100) tons per year of PM or actuals of ten (10) tons or more of PM per year. Therefore, no 326 IAC 6-1 limits apply.

Surface coating meets the definition of "process operation". Therefore, 326 IAC 6-3-1 is applicable and the PM emissions are regulated under 326 IAC 6-3-2(c).

Particulate Matter (PM) (326 IAC 6-3-2)

Pursuant to 326 IAC 6-3-2, the PM from emission unit PCS and APB, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

The dry filters for particulate matter overspray control shall be in operation at all times when Emission Unit ID PCS and/or Emission Unit ID APB is in operation.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 189 hazardous air pollutants set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Environmental Resources Management Division (ERMD) Construction Permit Application Form Y.

- (a) None of these listed air toxics will be emitted, in amounts greater than 10 tons per year for a single HAP or 25 tons per year for a combination of HAPs, from this proposed construction.
- (b) See attached spreadsheets for detailed air toxic calculations.

Conclusion

Farm Fans, Inc. will be subject to the conditions of the attached proposed **Registration 097-12305-00199**.

**Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations**

Company Name: Farm Fans, Inc
Plant Location: 5900 Elmwood Ave., Indianapolis, Indiana 46203
County: Marion
Permit Reviewer: Monica Dick
Date: 6-19-00

Material	Density (Lb/Gal)	Weight % Volatile (H2O& Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Vol (solids)	1999 usage (gal/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Before Controls Potential ton/yr	Transfer Efficiency	Control Efficiency	Particulate Potential After Controls ton/yr
APB																
Leafing Aluminium A/D	8.1	43.20%	0.0%	43.2%	0.0%	0.00%	0.08	3.50	3.50	0.29	6.93	1.26	0.33	80%		
Xylene	7.26	100.00%	0.0%	100.0%	0.0%	0.00%	0.11	7.26	7.26	0.80	19.17	3.50	0.00	80%		
Red A/D Primer	11.3	31.00%	0.0%	31.0%	0.0%	0.00%	0.17	3.50	3.50	0.58	13.87	2.53	1.13	80%		
LCF Orange A/D	7.8	44.90%	0.0%	44.9%	0.0%	0.00%	0.14	3.50	3.50	0.48	11.56	2.11	0.52	80%		
PCS							(LB/HR)									
Powder Coating	N/A	1.00%	0.0%	1.0%	0.0%	99.00%	5.50	0.00	0.00	0.00	0.00	0.00	12.05	50%	99.50%	0.06

State Potential Emissions

Add worst case coating to all solvents

2.15

51.52

9.40

14.02

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

HAP Emission Calculations

Company Name: Farm Fans, Inc

Plant Location: 5900 Elmwood Ave., Indianapolis, Indiana 46203

County: Marion

Permit Reviewer: Monica Dick

Date: 6-19-00

Material	Density (Lb/Gal)	1999 usage (gal/hour)	Weight % Xylene	Weight % MEK	Weight % Ethyl Benzene	Weight % Toluene		Xylene (ton/yr)	MEK (ton/yr)	Ethyl Benzene (ton/yr)	Toluene (ton/yr)
Leafing Aluminium A/D	8.1	0.08	15.00%	0.00%	0.00%	0.00%		0.44	0.00	0.00	0.00
Xylene	7.26	0.11	80.00%	0.00%	19.00%	1.00%		2.80	0.00	0.66	0.03
Red A/D Primer	11.3	0.17	20.60%	2.70%	0.00%	0.00%		1.08	0.14	0.00	0.00
LCF Orange A/D	7.8	0.14	10.00%	10.00%	0.00%	0.00%		0.47	0.47	0.00	0.00
		0.00	0.00%	0.00%	0.00%	0.00%		0.00	0.00	0.00	0.00
Total State Potential Emissions:								4.79	0.61	0.66	0.03
Total Combined HAPs:								6.10			

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs